



503.37677X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): ISHIKAWA, et al  
Serial No.: 09/413,867  
Filed: October 7, 1999  
For: DISPLAY APPARATUS  
Group: 2879  
Examiner: K. Berck

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.97 & §1.98**

Assistant Commissioner for Patents  
Washington, D.C. 20231

March 21, 2003

Sir:

In the matter of the above-identified application, Applicants are submitting herewith copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This Information Disclosure Statement is being submitted before the mailing date of either a final action or a notice of allowance and is accompanied by the fee of \$180.00 set forth in 37 CFR §1.17(p).

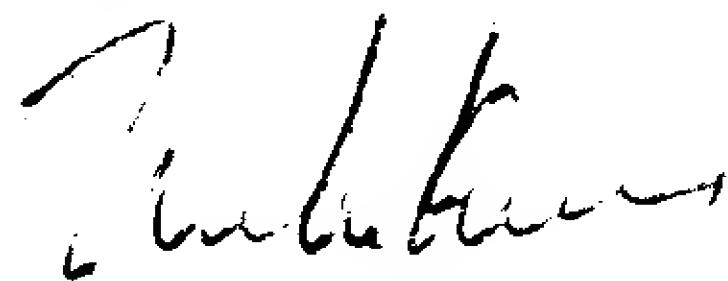
To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR §1.98(a)(3) for a concise explanation of the relevance is satisfied by an English abstract of the cited documents.

It is respectfully requested that this Information Disclosure Statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (Case No. 503.37677X00) and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP



Melvin Kraus  
Registration No. 22,466

MK/slk  
(703) 312-6600  
Attachments

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DKT. NO.  
503.37677X00SERIAL NO.  
09/413,867INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
ISHIKAWA, et al.FILING DATE  
October 7, 1999GROUP  
2879

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
AA	5,128,268	6-8-93	Matsuda, et al.			
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation /Abstract	
						Yes	No
AM	3-145043	6-20-91	Japan			X	
AN							
AO							
AP							
AQ							
AR							
AS							
AT							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AU	
AV	
AW	
AX	
AY	
AZ	
Examiner	Date Considered

